

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 45

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	34833	5	N	BRENDER CREEK	FB41UG	0	23N	19E	05	4,4'-DDD		Water
				Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.								
45	34827	5	N	BRENDER CREEK	FB41UG	0	23N	19E	05	4,4'-DDE		Water
				Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.								
45	34830	5	N	BRENDER CREEK	FB41UG	0	23N	19E	05	4,4'-DDT		Water
				Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.								
45	8406	5	Y	BRENDER CREEK	FB41UG	0	23N	19E	05	Dissolved oxygen		Water
				Ecology EIM study WENRTMDL, station 45BR00.4 shows 6 samples exceeded the criterion in year 2003.								
				Ecology EIM study WENRTMDL, station 45BR00.5 shows 2 samples exceeded the criterion in year 2003.								
				Ecology EIM study WENRTMDL, station 45BR00.7 shows that no samples exceeded the criterion in years, 2002 and 2003.								
				Ecology EIM study WENRTMDL, station 45BR01.2 shows that no samples exceeded the criterion in year 2003.								
				Ecology EIM study WENRTMDL, station 45D070 shows 4 samples exceeded the criterion in year 2002.								
				Hallock (2003), Dept. of Ecology ambient station 45D070 shows a total of 1 sample in year 2002 exceeded the criterion.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45D070 (BRENDER CREEK NEAR CASHMERE) shows 0 excursions beyond the criterion out of 18 samples collected between 1993 - 2001.								
				Hindes, 1994, 1 excursion beyond the criterion at station 2 on 8/16/93.								
				Hindes, 1994. 2 excursions beyond the criterion at station 3 on 10/26/92 and 8/16/93.								

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information	Parameter	Medium
				Basis			Remarks
45	8408	5	Y	BRENDER CREEK	FB41UG 0 23N 19E 05	Fecal Coliform	Water
				Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR00.4 shows the geometric mean of 248.6 exceeds the criterion and 6 of 10 samples (60%) collected in 2003 exceed the percentile criterion.	Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.		
				Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR00.5 shows that 4 of 4 samples (100%) collected in 2003 exceed the percentile criterion.			
				Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR00.7 shows the geometric mean of 584.6 exceeds the criterion and 10 of 10 samples (100%) collected in 2003 exceed the percentile criterion.			
				Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR01.2 shows the geometric mean of 495.9 exceeds the criterion and 10 of 12 samples (83.3%) collected in 2003 exceed the percentile criterion.			
				Hallock (2004), Dept. of Ecology ambient station 45D070 shows a geometric mean of 122.1 exceeded the criterion in year 2003; and 3 of 12 samples (25%) in year 2003 exceeded the percentile criterion.			
				Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45D070 shows the geometric mean of 114.1 exceeds the criterion and 5 of 11 samples (45.5%) collected in 2002 exceed the percentile criterion.			
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45D070 (BRENDER CREEK NEAR CASHMERE) shows a geometric mean of 78 does not exceed the criterion and that 38% of the samples exceeds the percentile criterion from 8 samples collected during 2000.			
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45D070 (BRENDER CREEK NEAR CASHMERE) shows a geometric mean of 69 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 11 samples collected during 1999.			
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45D070 (BRENDER CREEK NEAR CASHMERE) shows a geometric mean of 287 exceeds the criterion and that 64% of the samples exceeds the percentile criterion from 11 samples collected during 1998.			
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45D070 (BRENDER CREEK NEAR CASHMERE) shows a geometric mean of 187 exceeds the criterion and that 45% of the samples exceeds the percentile criterion from 11 samples collected during 1997.			
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45D070 (BRENDER CREEK NEAR CASHMERE) shows a geometric mean of 267 exceeds the criterion and that 50% of the samples exceeds the percentile criterion from 2 samples collected during 1996.			
				Hindes, 1994, 12 excursions beyond the criterion at station 3 between 1992 and 1993.			

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Medium	Remarks
				Basis								
45	41677	5	N	BRENDER CREEK	FB41UG	2.104	23N	19E	06	Fecal Coliform	Water	
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR01.4 shows the geometric mean of 280.1 exceeds the criterion and 5 of 8 samples (62.5%) collected in 2003 exceed the percentile criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR01.6 shows the geometric mean of 540.0 exceeds the criterion and 7 of 11 samples (63.6%) collected in 2003 exceed the percentile criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR01.9 shows that 3 of 4 samples (75%) collected in 2003 exceed the percentile criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR02.0 shows that 2 of 3 samples (66.7%) collected in 2003 exceed the percentile criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR02.1 shows the geometric mean of 135.6 exceeds the criterion and 2 of 5 samples (40%) collected in 2003 exceed the percentile criterion.												
45	41682	5	N	BRENDER CREEK	FB41UG	3.943	23N	18E	01	Fecal Coliform	Water	
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR02.5 shows the geometric mean of 137.4 exceeds the criterion and 2 of 10 samples (20%) collected in 2003 exceed the percentile criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR03.0 shows that 1 of 5 samples (20%) collected in 2003 exceed the percentile criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR03.4 shows that 1 of 5 samples (20%) collected in 2003 exceed the percentile criterion.												
45	41685	5	N	BRENDER CREEK	FB41UG	6.5	23N	18E	11	Fecal Coliform	Water	
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45BR04.1 shows that 2 of 10 samples (20%) collected in 2003 exceed the percentile criterion.												
45	11277	5	N	BRENDER CREEK	FB41UG	0	23N	19E	05	Temperature	Water	
Ecology EIM study WENRTMDL, station 45BR00.4 shows 1 samples exceeded the criterion in year 2003.												
Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45BR00.1, shows between 4/27/2002 and 11/15/2002 there were 11 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.45 °Celcius for the 7-day period ending July 18, 2002.												
Serdar and Era-Miller (2002) show no excursions beyond the criterion out of 5 measurements collected in 2000.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45D070 (BRENDER CREEK NEAR CASHMERE) shows 0 excursions beyond the criterion out of 18 samples collected between 1993 - 2001.												

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Medium	Remarks		
				Basis										
45	8409	5	Y	CHIWAUKUM CREEK	YR91UM	0	25N	17E	09	Temperature	Water			
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45CK00.1, shows between 5/14/2002 and 11/28/2002 there were no occurrences in										This water body is part of an ongoing
				which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody.										study in WRIA 45, and was listed in 1998.
				10 excursions beyond the criterion sampled at the mouth by Wenatchee National Forest (submitted by Bella Patheal of EPA on 12/1/95) during 1994.										WASWIS updated from HM20EV to YR91UM. 09/08/04 -kk
45	39357	5	N	CHIWAWA RIVER	HH87YZ	4.466	27N	18E	30	Temperature	Water			
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.2 degrees C, with a maximum daily temperature of 17.8 degrees C from continuous measurements collected in 2001 at station called 'Chiwawa 1'.										
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 15.4 degrees C, with a maximum daily temperature of 15.9 degrees C from continuous measurements collected in 2000 at station called 'Chiwawa 1'.										
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.4 degrees C, with a maximum daily temperature of 19.1 degrees C from continuous measurements collected in 2001 at station called 'Chiwawa River at Fish Ladder'.										
45	39359	5	N	CHIWAWA RIVER	HH87YZ	9.045	27N	17E	13	Temperature	Water			
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.8 degrees C, with a maximum daily temperature of 18.3 degrees C from continuous measurements collected in 2001 at station called 'Chiwawa 2'.										
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16 degrees C, with a maximum daily temperature of 17.6 degrees C from continuous measurements collected in 2000 at station called 'Chiwawa 2'.										
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 13 degrees C, with a maximum daily temperature of 13.1 degrees C from continuous measurements collected in 1999 at station called 'Chiwawa 2'.										
					Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2000 and 2001 at station 'Chiwawa River #2 at Goose Creek CG' (River Mile 12).									
					Scholz, 1999, shows a 7-day mean of maximum daily temperature of 17.6 degrees C, with a maximum daily temperature of 18.4 degrees C from continuous measurements collected in 1998 at Chiwawa River at Goose Creek Campground.									

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	8412	5	Y	CHUMSTICK CREEK Ecology EIM study WENRTMDL, station 45C060 shows the geometric mean of 101.0 exceeds the criterion and 2 of 10 samples (20%) collected in 2003 exceed the percentile criterion. Hallock (2004), Dept. of Ecology ambient station 45C070 meets tested standards for fecal coliform. Hallock (2004), Dept. of Ecology ambient station 45C060 shows 3 of 12 samples (25%) in year 2003 exceeded the percentile criterion. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45C070 (CHUMSTICK CREEK NEAR LEAVENWORTH) shows a geometric mean of 11 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 8 samples collected during 2000. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45C070 (CHUMSTICK CREEK NEAR LEAVENWORTH) shows a geometric mean of 12 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 11 samples collected during 1999. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45C070 (CHUMSTICK CREEK NEAR LEAVENWORTH) shows a geometric mean of 22 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 11 samples collected during 1998. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45C070 (CHUMSTICK CREEK NEAR LEAVENWORTH) shows a geometric mean of 31 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 10 samples collected during 1997. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45C070 (CHUMSTICK CREEK NEAR LEAVENWORTH) shows a geometric mean of 30 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 3 samples collected during 1996. Hindes, 1994, 4 excursions beyond the criterion at station 11between 1992 and 1993.	TX45RJ	0.318	24N	17E	01	Fecal Coliform	Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.	Water
45	41689	5	N	CHUMSTICK CREEK Ecology EIM study WENRTMDL, station 45CS03.8 shows the geometric mean of 115.9 exceeds the criterion and 3 of 10 samples (30%) collected in 2003 exceed the percentile criterion. Ecology EIM study WENRTMDL, station 45CS04.3 shows that 1 of 2 samples (50%) collected in 2003 exceed the percentile criterion.	TX45RJ	5.032	25N	18E	19	Fecal Coliform		Water
45	41691	5	N	CHUMSTICK CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45CS04.9 shows the geometric mean of 160.7 exceeds the criterion and 4 of 10 samples (40%) collected in 2003 exceed the percentile criterion.	TX45RJ	6.909	25N	18E	18	Fecal Coliform		Water
45	41693	5	N	CHUMSTICK CREEK Ecology EIM study WENRTMDL, station 45CS06.8 shows that a total of 2 samples were collected in year 2003 and none were found to exceed the criterion. Ecology EIM study WENRTMDL, station 45CS07.7 shows the geometric mean of 358.9 exceeds the criterion and 5 of 10 samples (50%) collected in 2003 exceed the percentile criterion.	TX45RJ	10.4	25N	18E	06	Fecal Coliform		Water

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	41722	5	N	CHUMSTICK CREEK Ecology EIM study WENRTMDL station 45CS08.3 shows the geometric mean of 129.4 exceeds the criterion and that 2 of 5 samples (40%) collected in 2003 exceed the percentile criterion. Ecology EIM study WENRTMDL station 45CS08.6 shows the geometric mean of 146.4 exceeds the criterion and that 3 of 5 samples (60%) collected in 2003 exceed the percentile criterion.	TX45RJ	12.183	26N	18E	31	Fecal Coliform		Water
45	41724	5	N	CHUMSTICK CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL) station 45CS09.1 shows the geometric mean of 73.6 exceeds the criterion and that 4 of 10 samples (40%) collected in 2003 exceed the percentile criterion.	TX45RJ	14.005	26N	18E	30	Fecal Coliform		Water
45	41725	5	N	CHUMSTICK CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL) station 45CS11.3 shows that 2 of 4 samples (50%) collected in 2003 exceed the percentile criterion.	TX45RJ	16.195	26N	18E	33	Fecal Coliform		Water
45	42915	5	N	CHUMSTICK CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45CS06.1, shows between 5/29/2003 and 10/21/2003 there were 9 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.58 °Celcius for the 7-day period ending August 21, 2003.	TX45RJ	8.693	25N	18E	07	Temperature		Water
45	42916	5	N	CHUMSTICK CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45CS09.1, shows between 5/29/2003 and 10/21/2003 there were 47 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.85 °Celcius for the 7-day period ending July 24, 2003. Ecology EIM study WENRTMDL, station 45CS09.1 shows 1 samples exceeded the criterion in year 2003.	TX45RJ	14.005	26N	18E	30	Temperature		Water
45	41696	5	N	EAGLE CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45EG00.9 shows that 2 of 8 samples (25%) collected in 2003 exceed the percentile criterion.	ZW35YH	0.893	25N	18E	30	Fecal Coliform		Water
45	41727	5	N	EAGLE CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL) station 45EG05.8 shows the geometric mean of 55.5 exceeds the criterion and that 2 of 11 samples (18.2%) collected in 2003 exceed the percentile criterion.	ZW35YH	8.967	25N	18E	24	Fecal Coliform		Water

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	42850	5	N	FISH LAKE RUN	FA50VH	0	27N	17E	27	Temperature		Water
Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45FL00.3, shows between 6/29/2002 and 7/25/2002 there were 21 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 23.11 °Celcius for the 7-day period ending July 18, 2002.												
Ecology EIM study WENRTMDL, station 45FL00.3 shows 2 samples exceeded the criterion in year 2002.												
45	41920	5	N	FOX IRR RET	UNK000	0	24N	18E	06	Fecal Coliform		Water
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45FX00.1 shows that 2 of 10 samples (20%) collected in 2003 exceed the percentile criterion.												
45	42981	5	N	HIGHLINE CANAL RET	FG00VD	0	23N	20E	29	Temperature		Water
Ecology EIM study WENRTMDL, station 45HR00.1 shows 4 samples exceeded the criterion in year 2002.												
Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45HR00.1, shows between 7/25/2002 and 10/15/2002 there were 43 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 21.91 °Celcius for the 7-day period ending August 14, 2002.												
45	8416	5	Y	ICICLE CREEK	KN36FW	3.827	24N	17E	24	Dissolved oxygen		Water
Hindes, 1994. 6 excursions beyond the criterion at station 9 between 1992 and 1993.												
DO to	Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45B070 (Icicle Cr nr Leavenworth) shows 0 excursions beyond the criterion out of 9 samples collected between 1993 - 2001.										During the assessment of data it was determined that WQ Policy 1-11 (updated 9/03) was overly restrictive for the number of years of data excursions needed to list for D.O. impairments. Based on a review of monitoring studies for	
											statewide, it was determined that multiple (3 or more) excursions for at least two years of monitoring should be used as an alternative indicator that a waterbody continues	
											be impaired. (Braley, ECY/WQP, 2003)	
45	8417	5	Y	ICICLE CREEK	KN36FW	3.827	24N	17E	24	pH		Water
Ecology EIM study WENRTMDL, station 45B070 shows that 1 of 14 samples exceeds the criterion.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45B070 (Icicle Cr nr Leavenworth) shows 0 excursions beyond the criterion out of 8 samples collected between 1993 - 2001.												
Hindes, 1994, 1 excursion beyond the criterion at station 9 on 10/26/92.												
45	8415	5	Y	ICICLE CREEK	KN36FW	12.147	24N	17E	30	Temperature		Water
Sullivan et al. 1990 , 15 excursions beyond the criteria in 1988.												
Continuous temperature measurements were taken, but data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.												

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Medium
				Basis						Remarks	
45	39343	5	N	ICICLE CREEK	KN36FW	6.89	24N	17E	27	Temperature	Water
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2000, 2001 and 2002 at station 'Icicle River Below Snow Creek' (River Mile 5).							
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.6 degrees C, with a maximum daily temperature of 19.3 degrees C from continuous measurements collected in 2001 at station called 'Icicle Creek'.							
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.4 degrees C, with a maximum daily temperature of 18.7 degrees C from continuous measurements collected in 2000 at station called 'Icicle Creek'.							
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 13.8 degrees C, with a maximum daily temperature of 14.5 degrees C from continuous measurements collected in 1999 at station called 'Icicle Creek'.							
45	42825	5	N	ICICLE CREEK	KN36FW	0	24N	17E	13	Temperature	Water
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45IC00.1, shows between 5/17/2002 and 10/9/2002 there were 21 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.09 °Celcius for the 7-day period ending August 29, 2002.							
45	42827	5	N	ICICLE CREEK	KN36FW	8.585	24N	17E	28	Temperature	Water
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45IC05.9, shows between 7/24/2002 and 10/15/2002 there were 22 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 17.12 °Celcius for the 7-day period ending August 16, 2002.							
45	42828	5	N	ICICLE CREEK	KN36FW	14.472	24N	16E	24	Temperature	Water
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45IC09.9, shows between 4/27/2002 and 10/15/2002 there were 5 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 16.26 °Celcius for the 7-day period ending August 31, 2002.							
45	42872	5	N	ICICLE CREEK	KN36FW	17.417	24N	16E	11	Temperature	Water
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45IC11.4, shows between 8/27/2002 and 10/15/2002 there were 1 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 16.37 °Celcius for the 7-day period ending September 2, 2002.							
45	41925	5	N	ICICLE IRR RET	UNK000	0	23N	19E	14	Fecal Coliform	Water
				Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45ISR00.1 shows that 2 of 4 samples (50%) collected in 2003 exceed the percentile criterion.							
45	41731	5	N	LITTLE CHUMSTICK CREEK	FA38NK	0	26N	18E	30	Fecal Coliform	Water
				Ecology unpublished data, (Ecology EIM study WENRTMDL) station 45LC00.1 shows the geometric mean of 74.8 exceeds the criterion and that 1 of 5 samples (20%) collected in 2003 exceed the percentile criterion.							

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				Basis								
45	39364	5	Y	LITTLE WENATCHEE RIVER	DS66LF	1.842	27N	16E	15	Temperature		Water
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.8 degrees C, with a maximum daily temperature of 19.4 degrees C from continuous measurements collected in 2001 at station called 'Little Wenatchee 1'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.8 degrees C, with a maximum daily temperature of 18.3 degrees C from continuous measurements collected in 2000 at station called 'Little Wenatchee 1'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 14.9 degrees C, with a maximum daily temperature of 15.5 degrees C from continuous measurements collected in 1999 at station called 'Little Wenatchee 1'.												
45	39365	5	N	LITTLE WENATCHEE RIVER	DS66LF	8.33	27N	16E	18	Temperature		Water
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 19.3 degrees C, with a maximum daily temperature of 20.1 degrees C from continuous measurements collected in 2001 at station called 'Little Wenatchee 2'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 12.6 degrees C, with a maximum daily temperature of 13.7 degrees C from continuous measurements collected in 1999 at station called 'Little Wenatchee 2'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2001 at station 'Little Wenatchee River #2 abv Lost Creek' (River Mile 4).												
45	39366	5	N	LITTLE WENATCHEE RIVER	DS66LF	12.512	27N	15E	11	Temperature		Water
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.1 degrees C, with a maximum daily temperature of 18.6 degrees C from continuous measurements collected in 2001 at station called 'Little Wenatchee 3'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16.8 degrees C, with a maximum daily temperature of 17.1 degrees C from continuous measurements collected in 2000 at station called 'Little Wenatchee 3'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 11.9 degrees C, with a maximum daily temperature of 14.8 degrees C from continuous measurements collected in 1999 at station called 'Little Wenatchee 3'.												

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Medium	Remarks
				Basis								
45	39367	5	N	LITTLE WENATCHEE RIVER	DS66LF	14.488	27N	15E	10	Temperature	Water	
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 14.8 degrees C, with a maximum daily temperature of 15.1 degrees C from continuous measurements collected in 2001 at station called 'Little Wenatchee 4'. Consolidation with Listing ID 40766 (Cat 5).												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of degrees C, with a maximum daily temperature of 12.3 degrees C from continuous measurements collected in 1999 at station called 'Little Wenatchee 4'.												
Scholz, 1999, shows a 7-day mean of maximum daily temperature of 19.6 degrees C, with a maximum daily temperature of 20.3 degrees C from continuous measurements collected in 1998 at Little Wenatchee River above Rainy Creek.												
Scholz, 1999, shows a 7-day mean of maximum daily temperature of 19.2 degrees C, with a maximum daily temperature of 19.7 degrees C from continuous measurements collected in 1998 at Little Wenatchee River below Rainy Creek.												
45	39368	5	N	LITTLE WENATCHEE RIVER	DS66LF	16.594	27N	15E	09	Temperature	Water	
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.7 degrees C, with a maximum daily temperature of 18.2 degrees C from continuous measurements collected in 2001 at station called 'Little Wenatchee 7'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 14.9 degrees C, with a maximum daily temperature of 15.2 degrees C from continuous measurements collected in 2000 at station called 'Little Wenatchee 7'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 12.3 degrees C, with a maximum daily temperature of 12.7 degrees C from continuous measurements collected in 1999 at station called 'Little Wenatchee 7'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.3 degrees C, with a maximum daily temperature of 18.8 degrees C from continuous measurements collected in 2001 at station called 'Little Wenatchee 5'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16.3 degrees C, with a maximum daily temperature of 16.5 degrees C from continuous measurements collected in 2000 at station called 'Little Wenatchee 5'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 13.6 degrees C, with a maximum daily temperature of 14.3 degrees C from continuous measurements collected in 1999 at station called 'Little Wenatchee 5'.												
45	39370	5	N	LITTLE WENATCHEE RIVER	DS66LF	21.471	28N	15E	31	Temperature	Water	
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.7 degrees C, with a maximum daily temperature of 18.2 degrees C from continuous measurements collected in 2001 at station called 'Little Wenatchee 6'.												
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16.8 degrees C, with a maximum daily temperature of 17.7 degrees C from continuous measurements collected in 2000 at station called 'Little Wenatchee 6'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 14.6 degrees C, with a maximum daily temperature of 15.2 degrees C from continuous measurements collected in 1999 at station called 'Little Wenatchee 6'.												
45	40764	5	N	LITTLE WENATCHEE RIVER	DS66LF	0	27N	16E	23	Temperature	Water	
Scholz, 1999, shows a 7-day mean of maximum daily temperature of 19.9 degrees C, with a maximum daily temperature of 20.8 degrees C from continuous measurements collected in 1998 at Little Wenatchee River near mouth.											WRIA changed from 99 to 45. 12/03/04 -kk	

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	34832	5	N	MISSION CREEK Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.	DQ04NW	0.45	23N	19E	04	4,4'-DDD		Water
45	8960	5	Y	MISSION CREEK Davis et al, 1995. , excursions beyond the criterion in edible rainbow trout tissue near the mouth in 1993.	DQ04NW	0.45	23N	19E	04	4,4'-DDE		Tissue
45	34826	5	N	MISSION CREEK Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.	DQ04NW	0.45	23N	19E	04	4,4'-DDE		Water
45	8959	5	Y	MISSION CREEK Davis et al, 1995 , excursions beyond the criterion in edible rainbow trout tissue near the mouth in 1993.	DQ04NW	0.45	23N	19E	04	4,4'-DDT		Tissue
45	34829	5	N	MISSION CREEK Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.	DQ04NW	0.45	23N	19E	04	4,4'-DDT		Water
45	8958	5	Y	MISSION CREEK Davis , 1996, 2 excursions beyond the chronic criterion at Mission Creek Road in 4/93 and 6/93.	DQ04NW	1.839	23N	19E	09	DDT		Water
45	8421	5	Y	MISSION CREEK Hindes, 1994, 6 excursions beyond the criterion at station 2 between 1992 and 1993.	FB41UG	0	23N	19E	05	Fecal Coliform	Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.	Water
45	8423	5	Y	MISSION CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC03.8 shows that 2 of 3 samples (66.7%) collected in 2003 exceed the percentile criterion. Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC04.4 shows that 1 of 9 samples (11.1%) collected in 2003 exceed the percentile criterion. Hindes, 1994, 3 excursions beyond the criterion at station 4 between 1992 and 1993.	DQ04NW	5.629	23N	19E	20	Fecal Coliform	Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.	Water

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	16832	5	Y	MISSION CREEK	DQ04NW	0.16	23N	19E	05	Fecal Coliform	Was WASWIS FB41VG and Lower Route Address of 0.000 on	Water
Hallock (2004), Dept. of Ecology ambient station 45E070 shows 2 of 7 samples (28.6%) in year 2002 exceeded the percentile criterion and 2 of 10 samples (20%) in year 2003 exceeded the percentile criterion.											1998 list. -kk	
Ecology data, (Ecology EIM study WENRTMDL), station 45E070 shows the geometric mean of 495.6 exceeds the criterion and 6 of 8 samples (75%) collected in 2003 exceed the percentile criterion.												
Ecology data, (Ecology EIM study WENRTMDL), station 45MC00.1 shows that 2 of 3 samples (66.7%) collected in 2002 exceed the percentile criterion.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45E070 (MISSION CREEK NEAR CASHMERE) shows a geometric mean of 25 does not exceed the criterion and that 0% of the samples exceeds the percentile criterion from 8 samples collected during 2000.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45E070 (MISSION CREEK NEAR CASHMERE) shows a geometric mean of 35 does not exceed the criterion and that 15% of the samples exceeds the percentile criterion from 13 samples collected during 1999.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45E070 (MISSION CREEK NEAR CASHMERE) shows a geometric mean of 38 does not exceed the criterion and that 17% of the samples exceeds the percentile criterion from 12 samples collected during 1998.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45E070 (MISSION CREEK NEAR CASHMERE) shows a geometric mean of 16 does not exceed the criterion and that 0% of the samples exceeds the percentile criterion from 11 samples collected during 1997.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45E070 (MISSION CREEK NEAR CASHMERE) shows a geometric mean of 46 does not exceed the criterion and that 33% of the samples exceeds the percentile criterion from 3 samples collected during 1996.												
45	41557	5	N	MISSION CREEK	DQ04NW	0.45	23N	19E	04	Fecal Coliform		Water
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC00.4 shows that 1 of 1 samples (100%) collected in 2003 exceed the percentile criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC00.6 shows the geometric mean of 487.9 exceeds the criterion and 6 of 9 samples (66.7%) collected in 2003 exceed the percentile criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC00.9 shows the geometric mean of 260.1 exceeds the criterion and 5 of 11 samples (45.5%) collected in 2003 exceed the percentile criterion.												
45	41559	5	N	MISSION CREEK	DQ04NW	1.839	23N	19E	09	Fecal Coliform		Water
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC01.2 shows the geometric mean of 143.7 exceeds the criterion and 7 of 11 samples (63.6%) collected in 2003 exceed the percentile criterion.												
45	41561	5	N	MISSION CREEK	DQ04NW	2.558	23N	19E	08	Fecal Coliform		Water
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC01.7 shows that a total of 4 samples were collected in year 2003 and none were found to exceed the criterion.												
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC02.3 shows that 3 of 4 samples (75%) collected in 2003 exceed the percentile criterion.												

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium		
45	41562	5	N	MISSION CREEK	DQ04NW	3.683	23N	19E	17	Fecal Coliform		Water		
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC03.0 shows the geometric mean of 182.5 exceeds the criterion and 4 of 7 samples (57.1%) collected in 2003 exceed the percentile criterion.														
45	8961	5	Y	MISSION CREEK	DQ04NW	0.45	23N	19E	04	Guthion(azinphos-methyl)		Water		
Davis, 1993, shows 1 excursion beyond the EPA (1986) recommended criterion at Mission Creek Road on 30 May 1992.											This water body is part of an ongoing comprehensive TMDL study in WRIA 45, and was listed in 1998.			
Serdar and Era-Miller (2002) show 1 excursion beyond the EPA (1986) recommended criterion on 17 July 2000.														
45	11282	5	N	MISSION CREEK	DQ04NW	0.16	23N	19E	05	pH		Water		
Hallock (2004), Dept. of Ecology ambient station 45E070 shows that 2 of 21 samples exceed the criterion.											High pH			
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45E070 (MISSION CREEK NEAR CASHMERE) shows 4 excursions beyond the criterion out of 18 samples collected between 1993 - 2001.														
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC00.1 shows that 0 of 3 samples exceed the criterion.														
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45E070 shows that 0 of 10 samples exceed the criterion.														
45	34799	5	N	MISSION CREEK	DQ04NW	0.45	23N	19E	04	pH		Water		
Serdar and Era-Miller (2002) show 3 excursions beyond the criterion out of 5 measurements collected in 2000.											High pH			
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC00.4 shows that 0 of 3 samples exceed the criterion.														
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC00.6 shows that 2 of 7 samples exceed the criterion.														
Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45MC00.9 shows that 0 of 10 samples exceed the criterion.														
45	8424	5	N	MISSION CREEK	DQ04NW	5.629	23N	19E	20	Temperature		Water		
Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45MC04.5, shows between 6/10/2003 and 10/21/2003 there were 44 occurrences in											This water body is part of an ongoing study in WRIA 45, and was listed in 1998.			
which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 20.42 °Celcius for the 7-day period ending August 2, 2003.														
Ecology EIM study WENRTMDL, station 45MC04.4 shows 1 samples exceeded the criterion in year 2003.														
Numerous excursions beyond the criterion sampled at the NFS boundary by Wenatchee National Forest (submitted by Bella Patheal of EPA on 12/1/95) during 1994.														

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information				Parameter	Medium	Remarks	
				Basis								
45	11281	5	N	MISSION CREEK Ecology EIM study WENRTMDL, station 45E070 shows 3 samples exceeded the criterion in years 2002 and 2003. Ecology EIM study WENRTMDL, station 45MC00.1 shows 1 samples exceeded the criterion in year 2002. Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45MC00.1, shows between 4/27/2002 and 11/14/2002 there were 49 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 20.96 °Celcius for the 7-day period ending July 27, 2002. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45E070 (MISSION CREEK NEAR CASHMERE) shows 2 excursions beyond the criterion out of 17 samples collected between 1993 - 2001 measured on these dates: 00/08/14, 97/06/09.	DQ04NW	0.16	23N	19E	05	Temperature	Water	Changed from Category 2 to Category 5 on 01/19/05 due to consolidation with Listing ID 42836. -kk
45	39374	5	N	MISSION CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45MC07.6, shows between 6/10/2003 and 10/21/2003 there were 69 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 20.08 °Celcius for the 7-day period ending August 1, 2003. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 21.2 degrees C, with a maximum daily temperature of 22.2 degrees C from continuous measurements collected in 2001 at station called 'Mission Creek'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 19.3 degrees C, with a maximum daily temperature of 21.1 degrees C from continuous measurements collected in 2000 at station called 'Mission Creek'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16.4 degrees C, with a maximum daily temperature of 12.1 degrees C from continuous measurements collected in 1999 at station called 'Mission Creek'. Serdar and Era-Miller (2002) show no excursions beyond the criterion out of 5 measurements collected in 2000.	DQ04NW	11.248	22N	19E	06	Temperature	Water	
45	39375	5	N	MISSION CREEK Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 19.5 degrees C, with a maximum daily temperature of 20.5 degrees C from continuous measurements collected in 2001 at station called 'Devils Gulch'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.5 degrees C, with a maximum daily temperature of 19.8 degrees C from continuous measurements collected in 2000 at station called 'Devils Gulch'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16.3 degrees C, with a maximum daily temperature of 17 degrees C from continuous measurements collected in 1999 at station called 'Devils Gulch'.	DQ04NW	14.965	22N	19E	18	Temperature	Water	

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium
45	42837	5	N	MISSION CREEK	DQ04NW	1.839	23N	19E	09	Temperature	Water
Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45MC01.2, shows between 6/24/2003 and 10/21/2003 there were 61 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 24.04 °Celcius for the 7-day period ending August 2, 2003.											
Ecology EIM study WENRTMDL, station 45MC01.2 shows 3 samples exceeded the criterion in year 2003.											
45	42838	5	N	MISSION CREEK	DQ04NW	2.558	23N	19E	08	Temperature	Water
Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45MC02.2, shows between 6/10/2003 and 10/21/2003 there were 65 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 26.50 °Celcius for the 7-day period ending September 28, 2003.											
45	42841	5	N	MISSION CREEK	DQ04NW	13.255	22N	19E	07	Temperature	Water
Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45MC09.2, shows between 5/12/2003 and 9/25/2003 there were 56 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.91 °Celcius for the 7-day period ending August 1, 2003.											
45	8425	5	Y	NASON CREEK	UO87HL	0.288	27N	17E	27	Temperature	Water
Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC00.3, shows between 5/13/2003 and 9/24/2003 there were 69 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 21.94 °Celcius for the 7-day period ending August 1, 2003.											
This water body is part of an ongoing comprehensive TMDL study in WRIA 45, and was listed in 1998.											
Numerous excursions beyond the criterion sampled at the mouth by Wenatchee National Forest (submitted by Bella Patheal of EPA on 12/1/95) during 1994.											
45	8426	5	Y	NASON CREEK	FZ91ME	0	26N	17E	09	Temperature	Water
Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96)show 34 excursions beyond the criterion in 1994.											
This water body is part of an ongoing comprehensive TMDL study in WRIA 45, and was listed in 1998.											
45	39376	5	N	NASON CREEK	UO87HL	0	27N	17E	28	Temperature	Water
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a maximum daily temperature of 22.3 degrees C from continuous measurements collected in 2001 at station called 'Nason Creek near the mouth'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 20.6 degrees C, with a maximum daily temperature of 21.4 degrees C from continuous measurements collected in 2000 at station called 'Nason Creek near the mouth'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.5 degrees C, with a maximum daily temperature of 18.2 degrees C from continuous measurements collected in 1999 at station called 'Nason Creek near the mouth'.											
Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2000 and 2001 at station 'Nason Creek at mouth' (River Mile 0).											

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	39377	5	N	NASON CREEK Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 19.1 degrees C, with a maximum daily temperature of 19.7 degrees C from continuous measurements collected in 2001 at station called 'Nason Creek near Coles Corner'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 19.3 degrees C, with a maximum daily temperature of 20.8 degrees C from continuous measurements collected in 2000 at station called 'Nason Creek near Coles Corner'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.1 degrees C, with a maximum daily temperature of 17.6 degrees C from continuous measurements collected in 1999 at station called 'Nason Creek near Coles Corner'.	UO87HL	4.704	26N	17E	09	Temperature		Water
45	42918	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC00.7, shows between 5/15/2002 and 12/31/2002 there were 38 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.94 °Celcius for the 7-day period ending August 16, 2002.	UO87HL	1.026	27N	17E	33	Temperature		Water
45	42919	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC04.7, shows between 6/12/2003 and 11/5/2003 there were 62 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 21.42 °Celcius for the 7-day period ending August 1, 2003.	UO87HL	6.918	26N	17E	08	Temperature		Water
45	42920	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC07.9, shows between 6/11/2003 and 8/21/2003 there were 11 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.14 °Celcius for the 7-day period ending August 20, 2003.	UO87HL	11.214	26N	16E	12	Temperature		Water
45	42921	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC09.5, shows between 8/28/2003 and 11/5/2003 there were 8 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.01 °Celcius for the 7-day period ending September 5, 2003.	UO87HL	13.656	26N	16E	11	Temperature		Water
45	42922	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC11.2, shows between 6/11/2003 and 11/4/2003 there were 36 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.43 °Celcius for the 7-day period ending August 1, 2003.	UO87HL	15.683	26N	16E	03	Temperature		Water
45	42923	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC13.9, shows between 6/25/2003 and 8/21/2003 there were 31 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.00 °Celcius for the 7-day period ending August 1, 2003.	UO87HL	19.856	26N	16E	05	Temperature		Water

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	42924	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC16.3, shows between 6/11/2003 and 11/4/2003 there were 22 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 17.90 °Celcius for the 7-day period ending August 1, 2003.	UO87HL	23.896	26N	15E	01	Temperature		Water
	42925	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC19.2, shows between 6/25/2003 and 8/21/2003 there were 31 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.41 °Celcius for the 7-day period ending August 1, 2003.	UO87HL	29.373	26N	15E	09	Temperature		Water
	42926	5	N	NASON CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45NC23.6, shows between 6/11/2003 and 11/4/2003 there were 23 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 17.55 °Celcius for the 7-day period ending August 2, 2003.	UO87HL	35.598	26N	14E	01	Temperature		Water
	41928	5	N	NO NAME CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45NN00.1 shows that 3 of 7 samples (42.9%) collected in 2003 exceed the percentile criterion.	UNK000	0	00U	000U	00	Fecal Coliform	Name changed from UNNAMED CREEK (AT MOUTH) to NAME CREEK on 02/03/05. TRS = 23N-19E-05. -kk	Water
	41929	5	N	NO NAME CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45NN00.2 shows the geometric mean of 451.7 exceeds the criterion and 8 of 9 samples (88.9%) collected in 2003 exceed the percentile criterion.	UNK000	0	00U	000U	00	Fecal Coliform	Name changed from UNNAMED CREEK (AT MILL RD) to NAME CREEK on 02/03/05. TRS = 23N-19E-05. -kk	Water
	41930	5	N	NO NAME CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45NN00.3 shows that 3 of 3 samples (100%) collected in 2003 exceed the percentile criterion.	UNK000	0	00U	000U	00	Fecal Coliform	Name changed from UNNAMED CREEK (BLW DUCK to NO NAME CREEK on 02/03/05. TRS = 23N-19E-05. -kk	Water
45	41932	5	N	NO NAME CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45NN00.5 shows the geometric mean of 102.66906192543 exceeds the criterion from data collected in 2003.	UNK000	0	00U	000U	00	Fecal Coliform	Name changed from UNNAMED CREEK (AT SUNSET to NO NAME CREEK on 02/03/05. TRS = 23N-19E-05. -kk	Water
45	42537	5	N	NO NAME CREEK Hallock (2004), Dept. of Ecology ambient station 45R050 shows a geometric mean of 395.7 exceeded the criterion in year 2003; 3 of 3 samples (100%) in year 2002 exceeded the percentile criterion; and 10 of 12 samples (83.3%) in year 2003 exceeded the perce	UNK000	0	00U	000U	00	Fecal Coliform	Located near confluence of Brender Creek and Mission TRS=23N-19E-05. -kk	Water

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	41819	5	N	NO NAME CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45NN01.3 shows that 3 of 5 samples exceed the criterion.	UNK000	0	00U	000U	00	pH		Water Name changed from UNNAMED CREEK (AT STINES HILL RD) to NO NAME CREEK on 02/03/05. -kk
45	8427	5	Y	PESHASTIN CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45PC03.6, shows between 6/9/2003 and 10/20/2003 there were 51 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 21.11 °Celcius for the 7-day period ending August 1, 2003. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96)show 36 excursions beyond the criterion in 1994.	OM13EX	4.357	24N	18E	32	Temperature		Water This water body is part of an ongoing comprehensive TMDL study in WRIA 45, and was listed in 1998.
45	8428	5	Y	PESHASTIN CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45PC00.3, shows between 7/17/2002 and 11/13/2002 there were 45 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 22.08 °Celcius for the 7-day period ending August 15, 2002. Numerous excursions beyond the criterion sampled at the NFS boundary by Wenatchee National Forest (submitted by Bella Patheal of EPA on 12/1/95) during 1994.	OM13EX	0.638	24N	18E	21	Temperature		Water This water body is part of an ongoing study in WRIA 45, and was listed in 1998.

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Remarks	Medium
				Basis								
45	39344	5	N	PESHASTIN CREEK	OM13EX	13.954	23N	17E	25	Temperature		Water
<p>Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45PC08.4, shows between 6/9/2003 and 11/2/2003 there were 14 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 16.68 °Celsius for the 7-day period ending August 1, 2003.</p> <p>Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2000, 2001 and 2002 at station 'Peshastin Creek blw Ingalls Creek' (River Mile 9.6).</p> <p>Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16.5 degrees C, with a maximum daily temperature of 16.9 degrees C from continuous measurements collected in 2001 at station called 'Peshastin Creek below Ingalls Creek'.</p> <p>Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 15.7 degrees C, with a maximum daily temperature of 17 degrees C from continuous measurements collected in 2000 at station called 'Peshastin Creek below Ingalls Creek'.</p> <p>Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 14.2 degrees C, with a maximum daily temperature of 14.6 degrees C from continuous measurements collected in 1999 at station called 'Peshastin Creek below Ingalls Creek'.</p> <p>Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.4 degrees C, with a maximum daily temperature of 19 degrees C from continuous measurements collected in 2001 at station called 'Peshastin Creek above Ingalls Creek'.</p> <p>Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.1 degrees C, with a maximum daily temperature of 19.4 degrees C from continuous measurements collected in 2000 at station called 'Peshastin Creek above Ingalls Creek'.</p> <p>Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 15 degrees C, with a maximum daily temperature of 15.8 degrees C from continuous measurements collected in 1999 at station called 'Peshastin Creek above Ingalls Creek'.</p>												
45	39381	5	N	PESHASTIN CREEK	OM13EX	15.93	23N	17E	36	Temperature		Water
<p>Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 21.5 degrees C, with a maximum daily temperature of 22.2 degrees C from continuous measurements collected in 2001 at station called 'Peshastin Creek above Negro Creek'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 20.6 degrees C, with a maximum daily temperature of 22.4 degrees C from continuous measurements collected in 2000 at station called 'Peshastin Creek above Negro Creek'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 18.3 degrees C, with a maximum daily temperature of 19.3 degrees C from continuous measurements collected in 1999 at station called 'Peshastin Creek above Negro Creek'.</p>												
45	42881	5	N	PESHASTIN CREEK	OM13EX	9.541	23N	18E	18	Temperature		Water
<p>Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45PC06.5, shows between 6/26/2003 and 10/20/2003 there were 55 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.73 °Celsius for the 7-day period ending August 1, 2003.</p>												

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	42884	5	N	PESHASTIN CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45PC12.4, shows between 6/9/2003 and 10/20/2003 there were 71 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 20.53 °Celcius for the 7-day period ending August 1, 2003.	OM13EX	18.021	22N	17E	01	Temperature		Water
45	42885	5	N	PESHASTIN CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45PC14.9, shows between 7/8/2003 and 12/10/2003 there were 58 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 20.63 °Celcius for the 7-day period ending August 1, 2003.	OM13EX	22.498	22N	17E	13	Temperature		Water
45	41938	5	N	PESHASTIN IRR RET Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45PRM00.1 shows the geometric mean of 155.2 exceeds the criterion and 4 of 9 samples (44.4%) collected in 2003 exceed the percentile criterion.	UNK000	0	23N	19E	04	Fecal Coliform		Water
45	41823	5	N	PIONEER IRR RET Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45PS00.1 shows that 4 of 6 samples exceed the criterion.	UNK000	0	23N	19E	05	pH		Water
45	42953	5	N	ROARING CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45RC00.0, shows between 6/26/2003 and 11/3/2003 there were 23 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 17.82 °Celcius for the 7-day period ending July 28, 2003.	YL67PV	0	26N	16E	11	Temperature		Water
45	39383	5	N	ROCK CREEK Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 15.6 degrees C, with a maximum daily temperature of 16.2 degrees C from continuous measurements collected in 2001 at station called 'Rock Creek'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 13.7 degrees C, with a maximum daily temperature of 14.6 degrees C from continuous measurements collected in 2000 at station called 'Rock Creek'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 11.9 degrees C, with a maximum daily temperature of 12.1 degrees C from continuous measurements collected in 1999 at station called 'Rock Creek'. Scholz, 1999, shows a 7-day mean of maximum daily temperature of 15.3 degrees C, with a maximum daily temperature of 16 degrees C from continuous measurements collected in 1998 at Rock Creek.	BS97UP	1.295	29N	17E	30	Temperature		Water

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium
45	39384	5	N	SAND CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45SN00.0, shows between 5/20/2002 and 9/16/2002 there were no occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.3 degrees C, with a maximum daily temperature of 17.9 degrees C from continuous measurements collected in 2001 at station called 'Sand Creek'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 17.4 degrees C, with a maximum daily temperature of 18.6 degrees C from continuous measurements collected in 2000 at station called 'Sand Creek'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 15.1 degrees C, with a maximum daily temperature of 15.8 degrees C from continuous measurements collected in 1999 at station called 'Sand Creek'.	VM52YQ	0	22N	19E	06	Temperature	Water
45	42815	5	N	SECOND CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45SE00.1, shows between 5/29/2003 and 10/21/2003 there were 10 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 16.78 °Celcius for the 7-day period ending August 2, 2003.	IW57JH	0.021	26N	18E	29	Temperature	Water
45	41912	5	N	TONASKET CREEK Serdar, D., (2003), station OKANOTMDL09 shows 2 samples in 2001 exceed the National Toxics Rule criterion.	QE80IG	0	40N	27E	27	4,4'-DDE	Water
45	41916	5	N	TONASKET CREEK Serdar, D., (2003), station OKANOTMDL09 shows 2 samples in 2001 exceed the National Toxics Rule criterion.	QE80IG	0	40N	27E	27	4,4'-DDT	Water
45	41908	5	N	TONASKET CREEK Serdar, D., (2003), station OKANOTMDL09 shows 2 samples in 2001 exceed the chronic criterion.	QE80IG	0	40N	27E	27	DDT	Water
45	39385	5	N	TRONSEN CREEK Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45TC00.0, shows between 5/23/2003 and 11/2/2003 there were 35 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.00 °Celcius for the 7-day period ending August 1, 2003. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16.1 degrees C, with a maximum daily temperature of 16.9 degrees C from continuous measurements collected in 1999 at station called 'Tronsen Creek'.	SS59SJ	0	22N	17E	13	Temperature	Water

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	41942	5	N	VAN CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL) station 45VC00.1 shows the geometric mean of 204 exceeds the criterion and that 8 of 10 samples (80%) collected in 2003 exceed the percentile criterion.	VF45OQ	0	25N	18E	24	Fecal Coliform		Water
45	41834	5	N	VAN CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45VC00.1 shows that 3 of 10 samples exceed the criterion.	VF45OQ	0	25N	18E	24	pH		Water
45	12387	5	N	WENATCHEE RIVER Hopkins et al. 1985. show excursions beyond the National Toxic Rule criterion in a multiple fish composite of edible tissue of Mountain whitefish samples collected in 1984.	HM20EV	0.6	23N	20E	28	4,4'-DDD		Tissue
45	12388	5	N	WENATCHEE RIVER Hopkins et al. 1985. show excursions beyond the National Toxic Rule criterion in a multiple fish composite of edible tissue of Mountain whitefish samples collected in 1984.	HM20EV	0.6	23N	20E	28	4,4'-DDE		Tissue
45	12386	5	N	WENATCHEE RIVER Hopkins et al. 1985. show excursions beyond the National Toxic Rule criterion in a multiple fish composite of edible tissue of Mountain whitefish samples collected in 1984.	HM20EV	0.6	23N	20E	28	4,4'-DDT		Tissue
45	14298	5	N	WENATCHEE RIVER Hopkins et al. 1985. show excursions beyond the National Toxic Rule criterion in a multiple fish composite of edible tissue of Mountain whitefish samples collected in 1984.	HM20EV	0.6	23N	20E	28	ALPHA-BHC		Tissue
45	10705	5	Y	WENATCHEE RIVER Hallock (2003), Dept. of Ecology ambient station 45A110 shows a total of 1 sample in year 2002 exceeded the criterion. Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45A110 shows 1 sample exceeded the criterion in year 2002. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45A110 (WENATCHEE RIVER NEAR LEAVENWORTH) shows 2 excursions beyond the criterion out of 59 samples collected between 1993 - 2001 measured on these dates: 93/08/09, 94/07/13.	HM20EV	56.298	25N	17E	09	Dissolved oxygen	This water body is part of an ongoing comprehensive TMDL study in WRIA 45, and was listed in 1998.	Water
45	10702	5	Y	WENATCHEE RIVER Ecology EIM study WENRTMDL, station 45WR01.0 shows that 1 of 1 samples exceeds the criterion. Hallock (2004), Dept. of Ecology ambient station 45A070 shows that 5 of 30 samples exceed the criterion. Ecology EIM study WENRTMDL, station 45A070 shows that 0 of 5 samples exceed the criterion. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45A070 (WENATCHEE RIVER AT WENATCHEE) shows 17 excursions beyond the criterion out of 56 samples collected between 1993 - 2001.	HM20EV	0.6	23N	20E	28	pH	High pH	Water

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	41269	5	N	WENATCHEE RIVER Ecology unpublished data, (Ecology EIM study WENRTMDL), station 45WR06.5 shows that 7 of 14 samples exceed the criterion.	HM20EV	10.348	23N	19E	11	pH		Water
45	3729	5	Y	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR00.5, shows between 6/29/2002 and 10/17/2002 there were 46 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 21.40 °Celcius for the 7-day period ending August 31, 2002. Ecology EIM study WENRTMDL, station 45A070 shows 2 samples exceeded the criterion in year 2002. Dept. of Ecology data from core ambient monitoring station 45A070 (Wenatchee R. at Wenatchee) shows a 7-day mean of daily maximum values of 22.4 for mid-week 24 July 2001. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45A070 (WENATCHEE RIVER AT WENATCHEE) shows 4 excursions beyond the criterion out of 57 samples collected between 1993 - 2001.	HM20EV	0.6	23N	20E	28	Temperature		Water
45	3730	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR35.9, shows between 7/25/2002 and 11/13/2002 there were 34 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.65 °Celcius for the 7-day period ending August 30, 2002. Ecology EIM study WENRTMDL, station 45A110 shows 1 samples exceeded the criterion in year 2002. Dept. of Ecology unpublished data from core ambient monitoring station 45A110 (Wenatchee R. near Leavenworth) shows a 7-day mean of daily maximum values of 18.8 for mid-week 10 July 2001. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 45A110 (WENATCHEE RIVER NEAR LEAVENWORTH) shows 3 excursions beyond the criterion out of 55 samples collected between 1993 - 2001.	HM20EV	56.298	25N	17E	09	Temperature		Water
45	39386	5	N	WENATCHEE RIVER Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 19.4 degrees C, with a maximum daily temperature of 20.1 degrees C from continuous measurements collected in 2000 at station called 'Wenatchee River'. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show a 7-day mean of maximum daily temperature of 16.4 degrees C, with a maximum daily temperature of 17.4 degrees C from continuous measurements collected in 1999 at station called 'Wenatchee River'.	HM20EV	44.283	24N	17E	10	Temperature		Water
45	41111	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR05.3, shows between 8/7/2002 and 10/17/2002 there were 33 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 21.63 °Celcius for the 7-day period ending August 30, 2002. Ecology EIM study WENRTMDL, station 45WR06.5 shows 1 samples exceeded the criterion in year 2002.	HM20EV	10.348	23N	19E	11	Temperature	Changed from Category 2 to Category 5 on 01/20/05 due to consolidation with Listing ID 42976 (cat 5). -kk	Water

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Remarks	Medium		
				Basis										
45	41113	5	N	WENATCHEE RIVER	HM20EV	22.4	24N	18E	35	Temperature		Water		
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR14.1, shows between 6/29/2002 and 10/17/2002 there were 29 occurrences in										Changed from Category 2 to Category 5 on
				which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 20.85 °Celcius for the 7-day period ending August 31, 2002.										consolidation with Listing ID 41113 (cat 5). -kk
				Ecology EIM study WENRTMDL, station 45WR14.1 shows 1 samples exceeded the criterion in year 2002.										
45	41114	5	N	WENATCHEE RIVER	HM20EV	27.815	24N	18E	22	Temperature		Water		
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR18.1, shows between 6/29/2002 and 10/10/2002 there were 24 occurrences in										Changed from Category 2 to Category 5 on
				which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 20.35 °Celcius for the 7-day period ending August 30, 2002.										consolidation with Listing ID 42857 (cat 5). -kk
				Ecology EIM study WENRTMDL, station 45WR17.2 shows 1 samples exceeded the criterion in year 2002.										
45	41115	5	N	WENATCHEE RIVER	HM20EV	33.781	24N	18E	08	Temperature		Water		
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR20.9, shows between 7/25/2002 and 10/17/2002 there were 16 occurrences in										Changed from Category 2 to Category 5 on
				which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.90 °Celcius for the 7-day period ending August 30, 2002.										consolidation with Listing ID 42859 (cat 5). -kk
				Ecology EIM study WENRTMDL, station 45WR21.0 shows 1 samples exceeded the criterion in year 2002.										
45	41145	5	N	WENATCHEE RIVER	HM20EV	73.32	26N	17E	12	Temperature		Water		
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR46.4, shows between 7/25/2002 and 10/15/2002 there were 37 occurrences in										Changed from Category 2 to Category 5 on
				which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.04 °Celcius for the 7-day period ending August 31, 2002.										consolidation with Listing ID 42864 (cat 5).
				Ecology EIM study WENRTMDL, station 45WR46.2 shows 1 samples exceeded the criterion in year 2002.										
45	42855	5	N	WENATCHEE RIVER	HM20EV	16.59	23N	19E	05	Temperature		Water		
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR10.2, shows between 6/29/2002 and 10/17/2002 there were 32 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 21.29 °Celcius for the 7-day period ending August 31, 2002.										
45	42858	5	N	WENATCHEE RIVER	HM20EV	29.928	24N	18E	16	Temperature		Water		
				Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR18.7, shows between 7/17/2002 and 10/17/2002 there were 37 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 21.14 °Celcius for the 7-day period ending August 31, 2002.										

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	42860	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR23.6, shows between 6/29/2002 and 11/13/2002 there were 19 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.31 °Celcius for the 7-day period ending August 31, 2002.	HM20EV	37.696	24N	17E	01	Temperature		Water
45	42861	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR30.3, shows between 7/25/2002 and 11/13/2002 there were 44 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.93 °Celcius for the 7-day period ending August 31, 2002.	HM20EV	48.937	25N	17E	33	Temperature		Water
45	42862	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR32.3, shows between 6/29/2002 and 8/8/2002 there were 17 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 17.19 °Celcius for the 7-day period ending July 23, 2002.	HM20EV	50.722	25N	17E	28	Temperature		Water
45	42865	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR49.1, shows between 6/29/2002 and 10/16/2002 there were 28 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.89 °Celcius for the 7-day period ending August 31, 2002.	HM20EV	77.556	27N	17E	36	Temperature		Water
45	42866	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR53.5, shows between 5/13/2002 and 9/8/2002 there were 33 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 19.83 °Celcius for the 7-day period ending August 31, 2002.	HM20EV	86.01	27N	17E	28	Temperature		Water
45	42871	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR53.9, shows between 4/27/2002 and 10/16/2002 there were 52 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 18.90 °Celcius for the 7-day period ending August 31, 2002.	IQ00NP	0	27N	17E	28	Temperature		Water
45	42977	5	N	WENATCHEE RIVER Dept. of Ecology's Wenatchee River TMDL continuous monitoring data, station 45WR33.0, shows between 4/27/2002 and 10/16/2002 there were 53 occurrences in which the 7-day mean of daily maximum value exceeded the temperature criterion for this waterbody; the maximum exceedance during this period was 20.78 °Celcius for the 7-day period ending August 9, 2002.	HM20EV	52.519	25N	17E	21	Temperature		Water
45	14299	5	N	WENATCHEE RIVER Hopkins et al. 1985. show excursions beyond the National Toxic Rule criterion in a multiple fish composite of edible tissue of Mountain whitefish samples collected in 1984.	HM20EV	0.6	23N	20E	28	Total PCBs		Tissue

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
45	34834	5	N	YAKSUM CREEK Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.	XL42OT	0.157	23N	19E	09	4,4'-DDD		Water
45	34828	5	N	YAKSUM CREEK Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.	XL42OT	0.157	23N	19E	09	4,4'-DDE		Water
45	34831	5	N	YAKSUM CREEK Serdar and Era-Miller (2002) show 5 excursions beyond the National Toxic Rule criterion from samples collected in 2000.	XL42OT	0.157	23N	19E	09	4,4'-DDT		Water
45	41704	5	N	YAKSUM CREEK Ecology unpublished data, (Ecology EIM study WENRTMDL), station 7MC shows that 3 of 10 samples (30%) collected in 2003 exceed the percentile criterion.	XL42OT	0	23N	19E	08	Fecal Coliform		Water